

--ABSTRACT OF THE DISCLOSURE

The invention relates to an adsorption filter for fuel vapors, particularly from the fuel tank of a combustion engine of a motor vehicle, which can be regenerated by desorptive reverse flow back flushing and which interacts with heat accumulating substances via the adsorbable or desorbable filter material. The aim of the invention is to increase the heat accumulability inside the filter material. To this end, the heat accumulating substances consist of phase-change materials (PCM) that are distributed in small units within the reactive filter material.--